

Global Challenges Kent

2-6 July 2018

Conference Programme

Monday 2 July: Understanding the Context		
09:00	Registration	Templeman Foyer
09:30	Opening Remarks <i>Phil Ward, Deputy Director of Research Services</i>	Templeman MLT
09:45	Welcome <i>Prof Karen Cox, Vice-Chancellor and President</i>	Templeman MLT
10:00	① The GCRF and Prioritising the Most Marginalised in the Context of Global Development Challenges <i>Dr Jaideep Gupte, GCRF Theme Leader (Cities and Sustainable Infrastructure), UKRI</i>	Templeman MLT
11:00	② Global Challenges: The View from Parliament <i>Baroness Suttie</i>	Templeman MLT
11:10	③ The Changing Landscape of International Research Funding; opportunities, challenges and partnerships <i>Rachael Sara-Kennedy, Universities UK</i>	Templeman MLT
11:40	④ Research Capacity Building in Low and Middle Income Countries <i>Savita Ayyar, Wellcome /DBT India Alliance</i> <i>Allen Muyaama Mukhwana, African Academy of Sciences</i>	Templeman MLT
12:15	Lunch	Templeman Foyer
13:15	⑤ Key Issues facing NGOs <ul style="list-style-type: none"> AMREF Africa <i>Steven.Hindle@amrefuk.org</i> Care International <i>Giovanni Putato</i> Doctors with Africa <i>g.putato@cuamm.org</i> Integrity Action <i>beth.turner@integrityaction.org</i> Penal Reform International Toybox World Bicycle Relief <i>aseaman@worldbicyclerelief.org</i> 	Templeman MLT
14:30	Coffee and networking	Templeman Foyer
15:15 – 16:00	Optional tours of labs (Engineering and Digital Arts; Biosciences; Physical Sciences, Architecture) or the campus	
17:00	Buffet and drinks reception	Templeman Foyer

Tuesday 3 July: Developing Projects

09:00	Opening Remarks <i>Phil Ward, Deputy Director of Research Services</i>	Templeman MLT
09:15	Internationalisation in Higher Education <i>Dr Anthony Manning, Dean for Internationalisation</i>	Templeman MLT
09:30	Challenges and Opportunities of Leading a GCRF Project: lessons learnt <ul style="list-style-type: none"> 09:30: Prof Elena Korosteleva, Principal Investigator, UKRI COMPASS 09:50 Prof Colin Robinson, Principal Investigator of the GCRF project to establish biopharmaceutical and animal vaccine production capacity in Thailand and neighbouring South East Asian countries 10:10 Dr Maria Paola Scaparra, Principal Investigator of the GCRF project to understand how operational research can contribute to the achievement of the UN Sustainable Development Goals 	Templeman MLT
10:30	Practical Implementation of the 2030 Agenda through Localising the Sustainable Development Goals <i>Dr Carl Wright, Commonwealth Local Government Forum</i>	Templeman MLT
11:00	Introduction to the Workshops <i>Karen Foundling, The Collective (facilitators)</i>	
11:10	Coffee	Templeman Foyer
11:30	Facilitated Project Development Workshops These will help delegates to talk openly about global challenge questions with colleagues from a range of different disciplines. The sessions will become increasingly focussed over the course of the following three and a half days.	Templeman Foyer
13:00	Lunch	Templeman Foyer
13:45	Facilitated Project Development Workshops Following the earlier discussions, the delegates will break into themes <ul style="list-style-type: none"> Human rights, good governance and social justice <i>Provocateur : Dr Harmonie Toros; Expert : Prof Elena Korosteleva; Facilitator: Dr Sarah Tetley</i> Equitable access to sustainable development <i>Provocateur : Rod Westrop (BBSRC); Expert : Prof Colin Robinson; Facilitator: Dr Helen Leech</i> Sustainable economies and societies <i>Provocateurs : Prof John Morton & Adrienne Martin (NRI); Expert : Dr Maria Paola Scaparra; Facilitator: Michelle Secker</i> 	Templeman SR3&4 Templeman SR5&6 Templeman SR7&8

15:00	Coffee	Templeman Foyer
	Facilitated Project Development Workshops Continuing the themed work	Templeman SR3-8
17:00	Close	

Wednesday 4 July: Working on the detail

09:00 (9)	Essential Elements of Successful Funding Applications <i>Phil Ward, Deputy Director of Research Services</i> For a decade the Grants Factory programme has heard from investigators and peer reviewers about their experience of writing and assessing grant applications. This summarises their key points.	Darwin Conference Suite
09:45 (10)	Specific Requirements and Preparation of GCRF bids <i>Dr Andrew Massoura, Grants & Contracts Manager</i> An overview of what to watch out for in preparing a GCRF bid, including due diligence and post-award monitoring.	Darwin Conference Suite
11:00	Feedback on Draft Projects An opportunity to hear from colleagues across the themes on the projects so far developed	Darwin Conference Suite
12:00	<i>Return to Templeman Library</i>	
12:15	Workshops: responding to the feedback Following the feedback, groups will continue to develop their projects.	Templeman SR3-8
13:00	<i>Working Lunch</i>	<i>Templeman Foyer</i>
13:15	Workshops: examining specific questions Continuing the group work.	Templeman SR3-8
15:00	<i>Coffee</i>	<i>Templeman Foyer</i>
13:15	Workshops: examining specific questions Continuing the group work.	Templeman SR3-8

Thursday 5 July: Consolidation of the projects

09:00	Facilitated Project Development Workshops	Templeman SR3-8
	Facilitated Project Development Workshops	Templeman SR3-8
14:00	Visit to Canterbury Cathedral	

Friday 6 July: Conclusions and next steps

09:00	Opening Remarks <i>Prof Philippe De Wilde, DVC Research & Innovation</i>	Templeman MLT
09:15	Group Feedback Feedback from rapporteurs	Templeman MLT
10:30	<i>Coffee</i>	<i>Templeman Foyer</i>
11:00	Next steps: the University's GCRF Strategy <i>Dr Simon Kerridge, Director of Research Services</i>	Templeman MLT
11:15	Closing Remarks <i>Prof Philippe De Wilde, DVC Research & Innovation</i>	Templeman MLT
11:30	<i>Glose</i>	

Global Challenges Kent Final Session Feedback

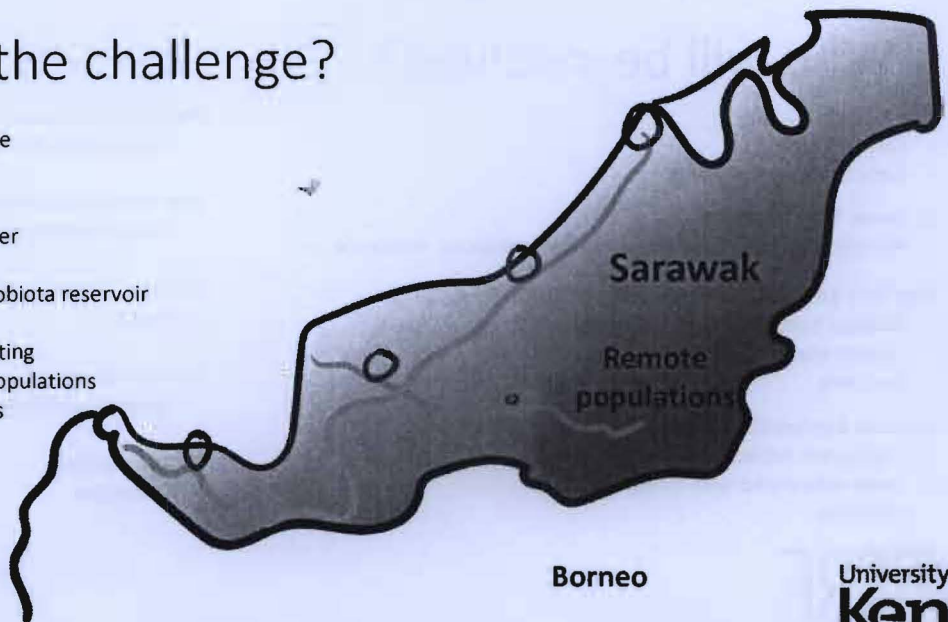


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What's the challenge?

Healthcare needs profile

- Dietary changes
 - Obesity
 - Colorectal cancer
- Infectious diseases
 - Unknown microbiota reservoir
 - Parasites
 - Childhood stunting
- Cities and remote populations
- Economic challenges



University of
Kent

What's the proposed solution?

**Bioprospecting for
medicinally active
molecules from local
biodiversity**



- Local biodiversity
- Local knowledge
- Capacity building
- Local innovation
- Local treatments
- Local economy



Who will be involved?

Prof Heng Fong Seo

- Clinical studies
- Genetic patient profiling

Dr Isabel Fong (UNIMAS)

- Testing phytochemicals for cancer and antibiotic resistance

Prof Chin Kin Fah (Academy for Silent Mentor)

- Medical contact with remote people
- Clinical trials
- Gut flora

Sarawak Biodiversity Centre

- >50K plant extracts
- Cross-referenced with traditional medicine

Prof Michelle Garrett

- Cancer drug discovery

Prof Martin Michaelis

- Cancer cell library

Dr Tasos Tsaousis

- Parasites

Dr Mark Shepherd

- Bacterial and fungal infection

Dr Chris Serpell

- Chemistry



Why should this be funded?



Reduced incidence:
Cancer
Infectious diseases



Economic opportunities:
Intellectual property
(Nagoya protocol)



New industry
Small scale, rural
production
Reduced health-related
economic burden



Increase local awareness
of value of biodiversity



Preserve one of the
world's lungs

CONFERENCE 2018



GCRF & THE NEWTON FUND

Global Challenges Research Fund

The Global Challenges Research Fund (GCRF) is a £1.5 billion fund announced by the UK government in late 2015 to support cutting-edge research that addresses the challenges faced by developing countries.

Alongside the other GCRF delivery partners, UKRI (UK Research and Innovation) is creating complementary programmes that:

- promote challenge-led disciplinary and interdisciplinary research, including the participation of researchers who may not previously have considered the applicability of their work to development issues
- strengthen capacity for research, innovation and knowledge exchange in the UK and developing countries through partnership with excellent UK research and researchers
- provide an agile response to emergencies where there is an urgent research need.

GCRF forms part of the UK's Official Development Assistance (ODA) commitment, which is monitored by the Organisation for Economic Cooperation and Development (OECD).

GCRF has three challenge areas, which are a vision for change and not intended to constrain innovative approaches in other areas that also address these aims:

- Equitable Access to Sustainable Development
- Sustainable Economies and Societies
- Human Rights, Good Governance and Social Justice

The Newton Fund

The Newton Fund was launched in 2014 and originally consisted of £75 million each year for five years. In the 2015 UK Spending Review, the UK government agreed to extend and expand the Fund.

This was to be extended from 2019 to 2021, and expanded by doubling the £75 million investment to £150 million by 2021. By this time, the UK investment to the Fund will total £735 million, with partner countries providing matched resources within the Fund.

Partner countries to work with the UK government include: Brazil, Chile, China, Colombia, Egypt, India, Indonesia, Jordan, Kazakhstan, Kenya, Malaysia, Mexico, Peru, Philippines, South Africa, Thailand, Turkey and Vietnam.

The Newton Fund aims to promote the economic development and social welfare of partner countries to address the well-being of communities, either by working independently or with a partner country. It will do so through strengthening partner countries' science and innovation capacities and unlocking further funding to support this work. It is part of the UK's official development assistance (ODA).

The Fund covers three broad activities:

- **People:** increasing capacity in science and innovation, individually and institutionally in partner countries
- **Research:** research collaborations on development topics
- **Translation:** creating collaborative solutions to development challenges and strengthening innovation systems.

OUR RESEARCH

PROFESSOR ELENA KOROSTELEVA

Professor of International Politics

Project

GCRF UKRI Comprehensive Capacity-Building in Eastern Neighbourhood and Central Asia: research integration, impact governance and sustainable communities (COMPASS).

Partners

Cambridge University, ADA University, Belarusian State University, Tajik National University, and the University of World Economy and Diplomacy in Uzbekistan.

The project aims to build global partnerships and help develop capacity in research, policy and public impacts, at the top-level higher education institutions in Eastern Europe and Central Asia. GCRF UKRI COMPASS belongs to the 1st generation the Global Challenges Research Fund (GCRF) to support cutting-edge research that address the challenges faced by developing countries across the world'.

With the endorsement of our partners, the project seeks to establish regional hubs of excellence across the eastern region and Central Asia, enabling them to become internationally recognised. This will create nodes of excellence for knowledge production and transfer across the region and beyond. In the pursuit of this goal, the project will follow two strategic approaches:

- Conceptually, it will explore new approaches to governance with a focus on community, peoplehood, identity, and order (domestically and internationally) to make governance more effective and sustainable
- Practically, the project will seek to enhance relations between the UK and partner universities, and to develop cooperation along the following three dimensions:

- 1 **Research integration** to identify specialist research niches for partner institutions; organise thematic workshops and conferences; produce agreed academic outputs, deliver international training schools for early career researchers, and launch a series of pilot projects as part of the wider UK/EU research integration strategy
- 2 **Policy impact** to identify training needs for the continuation of professional development in partner institutions, organise study trips to the UK and EU, deliver Executive Summer Schools, establish regular top-level regional policy forums for policy impact and better knowledge of the region

- 3 **Sustainable communities** to explore the notions of peoplehood, community resilience and a sense of good life for local communities, identify core public needs for more effective governance; organise school fairs with study packs, citizen juries and televised debates to raise public awareness and improve governance performance.

Our long-term objectives, based on a dedicated funding strategy and the University of Kent institutional support, include our strong intention to make our research on governance, order and resilience a signature theme at Kent, connecting our centre with similar hubs of excellence across the world, in a joint effort to make global and domestic governance more sustainable.



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Follow this project on Twitter:
@GCRF_COMPASS

PROFESSOR COLIN ROBINSON

Professor in Biotechnology

Project

GCRF UKRI Establishment of biopharmaceutical and animal vaccine production capacity in Thailand and neighbouring SE Asian countries

Partners

University College London (UCL), Imperial College, London School of Hygiene and Tropical Medicine (LSHTM), BIOTEC Bangkok and the National Biopharmaceutical Facility in Bangkok

The goal of this project is for UK and Thai experts to work together to establish state of the art technical capacity for recombinant protein production in Thailand, and subsequently elsewhere in Southeast Asia, which can be expanded upon and consolidated for future growth. The teams will develop powerful production strains and also work on the associated downstream activities to ensure regulatory approval. The ultimate goal is to make low-cost, widely available medicines and animal vaccines. Therefore, this work will contribute towards UN Global Goals: No poverty (SDG1), Zero hunger (SDG2), Good health and well-being (SDG3), Industry, innovation and infrastructure (SDG9).

Biopharmaceuticals are difficult and expensive to produce. Recombinant protein technology involves joining different pieces of DNA together in a cell such as a bacterium, and inducing the cell to make particular proteins that can form the basis for advanced medicines (biopharmaceuticals) and vaccines. Thailand currently imports all of its biopharmaceuticals at great cost, which means that only a small minority of the population have access to anti-cancer and anti-inflammatory drugs that are routinely used in high-income countries. The Thai government has recently set up the National Biopharmaceutical Facility (NBF) at King Mongkut's University of Technology Thonburi to address this problem.

The swine farming industry in Thailand and neighbouring Southeastern Asian countries has recently faced waves of recurrent and emerging viral attacks, at great cost, so there is a clear need to create better vaccines that are matched to local requirements.

This project brings together Thai groups at the forefront of the country's new programme to produce recombinant proteins, including scientists based at NBF and the National Center for Genetic Engineering and Biotechnology (BIOTEC), and UK groups that have developed fundamental cell-based expressed systems (University of Kent) as well as down-stream processing protocols (UCL) and analytic tools (Imperial College).



The technical expertise is backed by Bangkok-based UK specialists in Southeastern Asian healthcare, economic policies and dissemination tools (LSHTM).

Although the initial transfer of technology will be between the UK and Thailand, there are long-term objectives to facilitate the spread of expertise to other countries in South East Asia such as Vietnam and Malaysia. Additionally, all countries should be able to benefit from the insights learned from trying to drive production costs for biopharmaceuticals and vaccines to be as low as possible.



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OUR RESEARCH CONT

DR MARIA PAOLA SCAPARRA

Reader in Management Science

Project

GCRF British Academy Optimal Investment Strategies to Minimize Flood Impact on Road Infrastructure Systems in Vietnam (GCRF-OSIRIS)

Partners

University of Nottingham, Vietnam Academy of Science and Technology, Asian Management and Development Institute (AMDI), Vietnam Institute of Meteorology, and the Ministry of Transport in Vietnam

Vietnam is ranked globally as the country with the fourth highest exposure to flooding with monsoon rains and typhoons causing havoc along the coastline. Climate change is exacerbating the intensity of these extreme weather events, and rapid urbanisation is increasing the severity of the impacts. Impacts of urban flooding are felt on Vietnam's economy at all levels. Central and city government budgets are impacted by sudden clean-up and infrastructural maintenance costs.

Investment strategies for urban road infrastructure are guided mainly by development and economic growth targets, as part of national development plans, by the influences of international finance institutions, and by sometimes competing sectoral priorities of government planning, construction and transportation departments. These influences lead to investments which are strategic, but not economically optimal in the context of rapid urbanisation and climate change. This project seeks to redress that balance, by introducing scientific methods of Operational Research to demonstrate, based on existing data, the comparative impacts of flooding of urban transport systems on different levels of a city's economy and society, under different investment scenarios.

Hanoi, the capital of Vietnam, has been selected as the project's target city. The project will:

- **Identify gaps and inefficiencies** in current infrastructure investment and maintenance programmes, especially in relation to climate change and flooding issues that affect transport
- **Build a set of future flood scenarios** affecting Hanoi, with their associated probability of occurrence based on rainfall predictions, historical data and climate change projections
- **Develop qualitative approaches** to evaluate the impact of floods on local communities and the social benefit of avoiding flood damage to road infrastructure. Identify feasible flood-control measures and evaluate their cost and benefits



- **Develop a multi-period optimisation model** for strategic, long-term planning of mitigation actions, which minimises the impact of floods on Hanoi's urban road networks over different flood scenarios. Propose a set of economic and sustainable strategies for investing in flood avoidance and damage mitigation that are robust to the twin challenges of climate change and rapid urbanisation
- **Apply the developed methodology** in Hanoi, and support local stakeholders to integrate the research results into future planning and interventions.

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DR DAVID GARBIN

Senior Lecturer in Sociology

Project

British Academy GCRF Religious Urbanisation and Infrastructural Lives in African Mega-Cities (RUA Project)

Partners

University of Toronto, University of York, University of Lagos and the University of Kinshasa in the Democratic Republic of the Congo

In recent years, the economic and social impact of religious actors and faith-based groups have been significant, in particular in large cities of the developing world. In some contexts, for instance in African mega-cities, religious groups have been at the forefront of development initiatives often involving the creation of alternative urban spaces and large infrastructure and buildings, providing key services in health care or education. In often difficult, informal and unstable urban environments, this research is conducted in two of the fastest growing cities in Africa: Lagos and Kinshasa.

This project will explore, and provide both an evidence base and practical recommendations aimed at promoting functioning civic urban culture. The project aims to address the following questions:

- Do these religious spaces solve or exacerbate everyday problems faced by residents?
- How are religious groups reimagining the city they are shaping and transforming?
- To what extent do religious institutions provide symbolic and material resources to negotiate unpredictability and socio-economic uncertainties through production of urban/infrastructural space?

Our project involves three subject groups:

- Development and urban experts
- Local residents living around key religious sites
- Religious actors/institutions.

The first phase of the research determined key stakeholders' perception of the challenges and opportunities of religious urbanisation and development, identifying policy priorities about the existing and potential role of religious actors in mega-urban contexts. During the second phase of the research, we have been working with religious actors across 10 urban-religious sites in the subject areas, conducting interviews and ethnographic fieldwork. In the next phase of the research we will survey residents to measure levels of trust and assess barriers to local inclusion and participation, organising six workshops with stakeholders based on the results.



This includes three dedicated research work packages and one policy work package.

Research work packages

First package

- Investigate the production and use of Christian urban space in Lagos and Kinshasa
- Studying the intersections between religious urban developments, infrastructures and the provision of utilities

Second package

- Investigate religious notions of the ideal city in Lagos and Kinshasa and ways in which such notions become translated within each existing city
- Consideration of how models of infrastructural development mobilised by religious actors are brought into tension with existing regimes of planning, considering ideals of belonging and citizenship promoted by religious actors at all levels

Third package

- Explore how religion responds to the unpredictability and informality of everyday life here
- Concern with unravelling the complex moral economies deployed in the production and use of religious urban infrastructures, particularly the levels of trust that urban dwellers place in religious infrastructures and how this compares with trust in state institutions

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ADDITIONAL GCRF AND NEWTON AWARDS AT KENT

International

ESRC GCRF Network (2016)

Legal Regulation of Unacceptable Forms of Work: Global Dialogue/Local Innovation

Investigator: Professor Judy Fudge – Kent Law School (KLS)

Partners: Dr Deirdre McCann – University of Durham, and Dr Shangeon Lee – International Labour Organisation (ILO)

Amount: £112,176

Saudi Arabia

UK-Gulf Institutional Links (2017)

Developing new ceria based materials to address challenges in energy and the environment

Investigator: Dr Anna Corrias – School of Physical Sciences (SPS)

Partner: Professor Andrea Falqui – King Abdullah University of Science and Technology, Saudi Arabia

Amount: £104,925

Malaysia

Researcher Links – Workshops (2016)

Enhancing Environmental Resilience in Expanding Oil Palm Landscapes: Setting Research Priorities and Fostering Networking Among Researchers and Stakeholders in Malaysia

Investigator: Dr Matt Struebig – School of Anthropology and Conservation (SAC)

Partner: Universiti Malaysia Sabah, Malaysia,
Amount: £36,750

Institutional Links (2015)

Enhancing Environmental Resilience in Expanding Oil Palm Landscapes via Improved 4Design of Riparian Reserves, Malaysia

Investigator: Dr Matt Struebig – School of Anthropology and Conservation (SAC)

Partner: Dr Charles Vairappan – Universiti Malaysia Sabah, Malaysia
Amount: £84,601

China

Newton International Fellowships (2014)

Characterisation of Fluidisation Processes through Advanced Monitoring and Computational Modelling

Host: Professor Yong Yan – School of Engineering and Digital Arts (EDA)

Fellow: Dr Jingyuan Sun – Zhejiang University, China
Amount: £66,000

Egypt

AHRC Newton Preserving Egypt's Cultural Heritage (2015)

Egypt's Living Heritage: Community Engagement in Re-Creating the Past.

Investigator: Professor Caroline Rooney – School of English

Amount: £31,273

South Africa

British Academy Newton Advanced Fellowships (2017)

South Africa and Labour Migration and Labour Relations in South and Southern Africa, c.1900-2000

Host: Dr Andrew Cohen – School of History

Fellow: Dr Rory Pilosof – Centre for Africa Studies, University of the Free State
Amount: £94,000

Newton International Fellowships (2017)

South Africa and inferring protein function using novel features and advanced machine learning.

Host: Dr Mark Wass – School of Biosciences

Fellow: Dr Mohd Shahbaaz – Department of Chemistry, Durban University of Technology
Amount: £96,000

GCRF Networking Grants (2017)

Home/City/World: Housing, Inclusion and Sustainability in the 21st Century

Investigator: Professor Helen Carr – Kent Law School (KLS)

Partners: Professor Danie Brand – University of Pretoria, South Africa
Amount: £24,938

Ukraine

MRC/DfID/Wellcome Global Health Systems (2015)

Feasibility Study: Effectiveness of Public Health System (Programmes/Policies) in Combating Severe Population Health Crisis in Ukraine

Investigators: Professor Stephen Peckham and Dr Olena Nizalova – Centre for Health Services Studies (CHSS)

Partners: Dr Ganna Vakhitova – Kyiv Economics Institute, Ukraine
Amount: £100,590

Turkey

Newton Advanced Fellowships (2016)

Reuniting Cyprus: The British-Cypriot Diasporas as Peace Agents

Host: Dr Neophytos Loizides – School of Politics and International Relations (PoIR)

Fellow: Dr Kuseu Bonnenfant – Middle East Technical University, Turkey
Amount: £97,698

Newton Advanced Fellowships (2014)

Perception of and Attitude towards the Syrian Refugees in Turkey

Host: Professor Dominic Abrams – School of Psychology

Fellow: Dr Banu Kavakli Birdal, Istanbul Kemerburgaz University, Turkey
Amount: £36,980

Newton International Fellowships (2017)

Turkey and Offering and Demanding Collective Apologies: A UK versus Turkey Comparison

Host: Professor Ayşe K Üskül – School of Psychology

Fellow: Dr Veyse Elgin, Abant İzzet Baysal University
Amount: £66,000

Newton Advanced Fellowships (2017)

Overcoming Barriers and Developing Best Practice for Supporting Entrepreneurship and Trade in Universities and Innovation Intermediaries: Lessons for Turkey and the UK

Host: Professor Jeremy Howells – Kent Business School (KBS)

Fellow: Dr Serdal Temel, Ege University, Turkey
Amount: £73,000

Vietnam

Newton Mobility Grants (2016)

The Global Financial Crisis and Spillovers of US Monetary Policy: Lessons from Vietnam

Investigator: Dr Roman Matousek – Kent Business School (KBS)

Partner: Dr Chau Le – Banking University HCMC, Vietnam

Amount: £7,860

Mexico

Newton Mobility Grants (2017)

Global Security Assemblages and International Law: A Socio-Legal Study of Emergency in Motion

Investigator: Dr Gavin Sullivan – Kent Business School (KBS)

Partner: Dr Alejandro Rodiles Bretón – ITAM University Mexico

Amount: £9,236

Brazil

Newton Research Mobility CONFAP-UK (2014)

Analysing the Brazilian media coverage of London 2012 Paralympic Games. Production and dissemination of a media guide on how to report on disability and sport designed for Brazilian news makers

Investigator: Dr Sakis Pappous – Centre for Sports and Exercise Sciences

Partner: Dr Doralice Lange de Souza – Universidade Federal do Paraná, Brazil

Newton Research Collaboration (2015)

Security Policy Enforcement in Federated Open Source Clouds

Investigator: Professor David Chadwick – School of Computing

Partner: Dr Carlos Ferraz – Universidade Federal de Pernambuco, Brazil

Amount: £12,000

Newton Research Collaboration (2015)

RFID moisture sensor network for landslide monitoring

Investigators: Professor Nathan Gomes, Professor John Batchelor, and Dr Christos Efstratiou – School of Engineering and Digital Arts (EDA)

Partners: Dr Luis Carlos Vieira – Universidade Tecnológica Federal do Paraná (UTFPR), Brazil

Amount: £18,000

Newton Advanced Fellowships (2017)

The Logic and Perception of Persuasion in Stoicism

Host: Dr Kelli Rudolph (SECL)

Fellow: Dr Aldo Dinucci, Federal University of Sergipe, Brazil

Amount: £74,000

Newton Advanced Fellowships (2017)

How to strengthen leadership and the workforce through the re-design and implementation of a pay performance programme in PHC Brazil

Host: Professor Stephen Peckham – Centre for Health Services Studies (CHSS)

Fellow: Dr Fabiana da Cunha Saddi – Federal University of Goias, Brazil

India

Newton-Bhabha PhD Placement (2015)

Study of structural and relaxation dynamics of some ion conducting materials

Supervisor: Dr Gavin Mountjoy – School of Physical Sciences (SPS)

Student: Mr Tanmoy Paul – India

Amount: £5,900

These opportunities occur on a regular basis. The Royal Society schemes are for applicants from the Sciences, British Academy for Humanities and Social Sciences. There are, of course, other GCRF and Newton competitions run on a more ad hoc basis during the year.

Funder	Scheme	Description	Value	Deadline
Academy of Medical Sciences	GCRF Networking Grant	Networking Grants allow researchers from across disciplines and from developing countries and the UK to hold networking events, to forge new links and generate innovative transdisciplinary research ideas to address global challenges. They are an excellent opportunity to be better equipped to apply for larger grants offered by the GCRF programme and other funding initiatives.	£25,000	8 th August 2018, two further rounds in 2019
Royal Society	Newton Mobility Grants	This scheme aims to help strengthen the research and innovation capacity of researchers from partner countries by assisting them in visiting or sending staff and students to the UK and developing networks, research projects and partnerships with their UK hosts/counterparts and the wider UK research and innovation community. Eligible countries vary – currently Brazil, Mexico, South Africa, Malaysia, Thailand, Turkey	£3,000 for one-off travel lasting up to 3 months, up to £6,000 for multiple visits to be completed within 1 year, up to £12,000 for multiple visits to be completed within 2 years	March
British Academy	Newton Mobility Grants	This scheme aims to help strengthen the research and innovation capacity of researchers from partner countries by assisting them in visiting or sending staff and students to the UK and developing networks, research projects and partnerships with their UK hosts/counterparts and the wider UK research and innovation community. Eligible countries vary – currently Brazil, Mexico, South Africa, Malaysia, Thailand, Turkey, Vietnam	Up to £10,000 for one year (Thailand £20,000 for one year)	March
Royal Society, British Academy, Academy of Medical Sciences	Newton International Fellowship	The scheme provides the opportunity for the best early stage post-doctoral researchers from all over the world to work at UK research institutions for a period of two years.	£24,000 pa for subsistence costs, up to £8,000 pa research expenses, £2,000 for relocation expenses.	March
Royal Society	Newton Advanced Fellowship	This award is currently available for research leaders from Brazil, China, Mexico, South Africa, Thailand and Turkey with up to 15	Max of £111,000 over three years.	March

Annual International Development opportunities.

		years post doc experience to link up with UK based researchers. Covers the cost of travel, research support and salary top up:		
British Academy	Newton Advanced Fellowship	This award is currently available for research leaders from Brazil, Mexico, South Africa, Thailand and Turkey with up to 15 years post doc experience to link up with UK based researchers. Covers the cost of travel, research support and salary top up:	Max of £74,000 over two years	March
Royal Society	GCRF International Collaborative Award	Support the development of sustainable collaborative partnerships between outstanding researchers in the UK and developing countries to generate new approaches to the most significant and complex problems faced by developing countries. Both UK and overseas groups must be led by professorial level PIs	Up to £75,000 per year, for three years	May
Royal Academy of Engineering	GCRF Frontiers of Development Symposia	Cross disciplinary themed symposia held periodically in developing countries, looking at specific challenges. Open to all disciplines.	Funding will cover travel expenses to symposium from the UK	Topics announced on Royal Academy of Engineering website
British Council	Researcher Links Travel Grants	For Early career researchers, within 10 years of receiving their PhD, to travel to developing countries and vice versa for up to a month. Conditions vary depending on partner country	Covers travel expenses.	June
British Council	Researcher Links Workshop Grants	For themed collaborative workshops in developing countries	Covers travel expenses and workshop costs	June
British Council	Institutional Links	For the development of research and innovation collaborations between the UK and partner countries. They cover research-related costs, exchange of researchers, students and industry staff, including from small and medium-sized enterprises and not-for-profit organisations, costs of organising meetings, seminars and training, other activities to establish and strengthen collaborative links	£30,000 to £300,000 over two to three years, depending on project	June